IN THE TITLE:

Please amend the title of the application to read "DEVICE FOR COOLING THE ELECTRONIC EQUIPMENT OF A MICROWAVE OVEN."

IN THE CLAIMS:

A. Please cancel claims 1-5 without prejudice or disclaimer.

B. Please add new claims 6-19 as follows:

6. (New) A microwave oven, comprising:

a plurality of electronic components disposed above a top and to a first side of a cooking chamber of the microwave oven;

an air inlet in a first side of the microwave oven, disposed above the top and to the first side of the cooking chamber;

a cooling fan disposed above the top of the cooking chamber, wherein the air inlet and the cooling fan define a cooling air flow path proximate to the plurality of electronic components; and

an exhaust hood air flow path configured to exhaust fumes from a cooking range disposed below the microwave oven, wherein the exhaust hood air flow path and the cooling air flow path are separate.

7. (New) The microwave oven of claim 6, wherein the electronic components are disposed in an electronic component chamber, and wherein the air inlet forms a side of the electronic component chamber.

8 (New) The microwave oven of claim 7, further comprising a magnetron disposed proximate to the cooling fan.

9 (New) The microwave of claim 7, further comprising a magnetron disposed adjacent a separate duct.

10 (New) The microwave oven of claim 6, wherein air is moved along the cooling air flow path by a cooling fan and air is moved along the exhaust hood air flow path by an exhaust fan.

11. (New) The microwave oven of claim 10, wherein the cooling fan and the exhaust fan are configured to be driven by a single motor.

12. (New) A microwave oven, comprising:

a ventilation motor assembly disposed above a cooking chamber;

an exhaust air flow path configured to vent fumes from a cooking range disposed below the microwave oven; and

a cooling air flow path configured to cool a plurality of electronic components disposed in an electronic component chamber within the microwave oven, wherein the cooling air flow path is separate from the exhaust air flow path.

13. (New) The microwave oven of claim 12, wherein the ventilation motor assembly comprises an exhaust fan configured to move air along the exhaust air flow path and a cooling fan configured to move air along the cooling air flow path.

14. (New) The microwave oven of claim 13, wherein an air inlet for the cooling air flow path forms a side of the electronic component chamber.

15. (New) The microwave oven of claim 14, further comprising a magnetron disposed proximate to the cooling fan.

16. (New) The microwave oven of claim 13, wherein the exhaust fan and the cooling fan are configured to be driven by a single motor.

17. (New) The microwave oven of claim 12, wherein the plurality of electronic components is disposed above a top and to a first side of a cooking chamber of the microwave oven.

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18. (New) The microwave oven of claim 12, further comprising a magnetron disposed proximate to the cooling fan.

19 (New) The microwave of claim 12, further comprising a magnetron, wherein the magnetron is disposed in a separate duct.